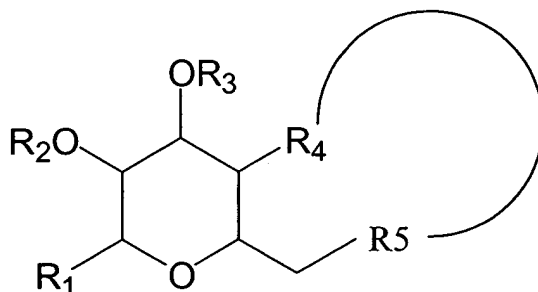


Amendments to the Specification

Kindly amend the specification by changing the paragraph bridging pages 8 and 9 to read as follows:

The molecules of the present invention have a general structure as shown below.



wherein R_1 is -H, -SPh, -Ph, -PhS, -All, or -Bn; R_2 is -H, -Et, -All, -Me, or -Bn; R_3 is -H, -Et, -Me, -All, or -Bn; and R_4 and R_5 form a ring and are -carbamate-C6-alkyl-ether-C4-alkenyl-ether-, -ester-C6-alkenyl-ester-, -ester-C6-alkyl-ester-, -ether-C8-alkenyl-ether-, -ester-C6-alkenyl-amide-, -ether-C7-alkenyl-amide-, -ester-C10-alkenyl-ester-, or -ester-C18-alkenyl-ester-, or -OCH(Ph)CH₂O-. The molecules consist of a carbohydrate scaffold, carrying two side chains, which can form a macrocyclic ring. As a scaffold, pyranose sugars are used. Also other sugars (pentoses or hexoses) can be used. As the orientation of the side chains plays an important role in macrocyclizations, one of the synthetic functions of the scaffold is to keep the side chains in the correct orientation. Moreover, carbohydrate substructures often occur in natural macrolides, and can contribute importantly to the biological activity of macrolide compounds. There is a wide range of possible variations of the different substituents R_1 , R_2 and R_3 , such as H, alkyl, aryl, O-aryl, S-aryl, OH, OR, halogens, -OOCR, COOR, -COR etc. Of course, other scaffolds derived from a glycopyranose or a glycofuranose or other sugars can too be used, as well as scaffolds derived from a substituted (hetero) aromatic ring. The side chains can be coupled to the scaffold via a range of functionalities such as an ether bond, an ester bond, an amide bond, an amine bond, a thioether bond, etc. The side chains can be cyclized by an alkane or an alkene bond. The macrocycle can vary in length and can be functionalised with groups such as OH, O-alkyl, O-aryl, O-aryyl, -NHR, epoxides or O-glycosil. The macrocycle may contain none, one or multiple double bonds. Also molecules with a carbohydrate scaffold with an open ring structures have been tested.